

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061100.D
 Acq On : 15 Mar 2019 21:32
 Operator : VA/AP
 Sample : K1933-08
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-8

Quant Time: Mar 16 06:53:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

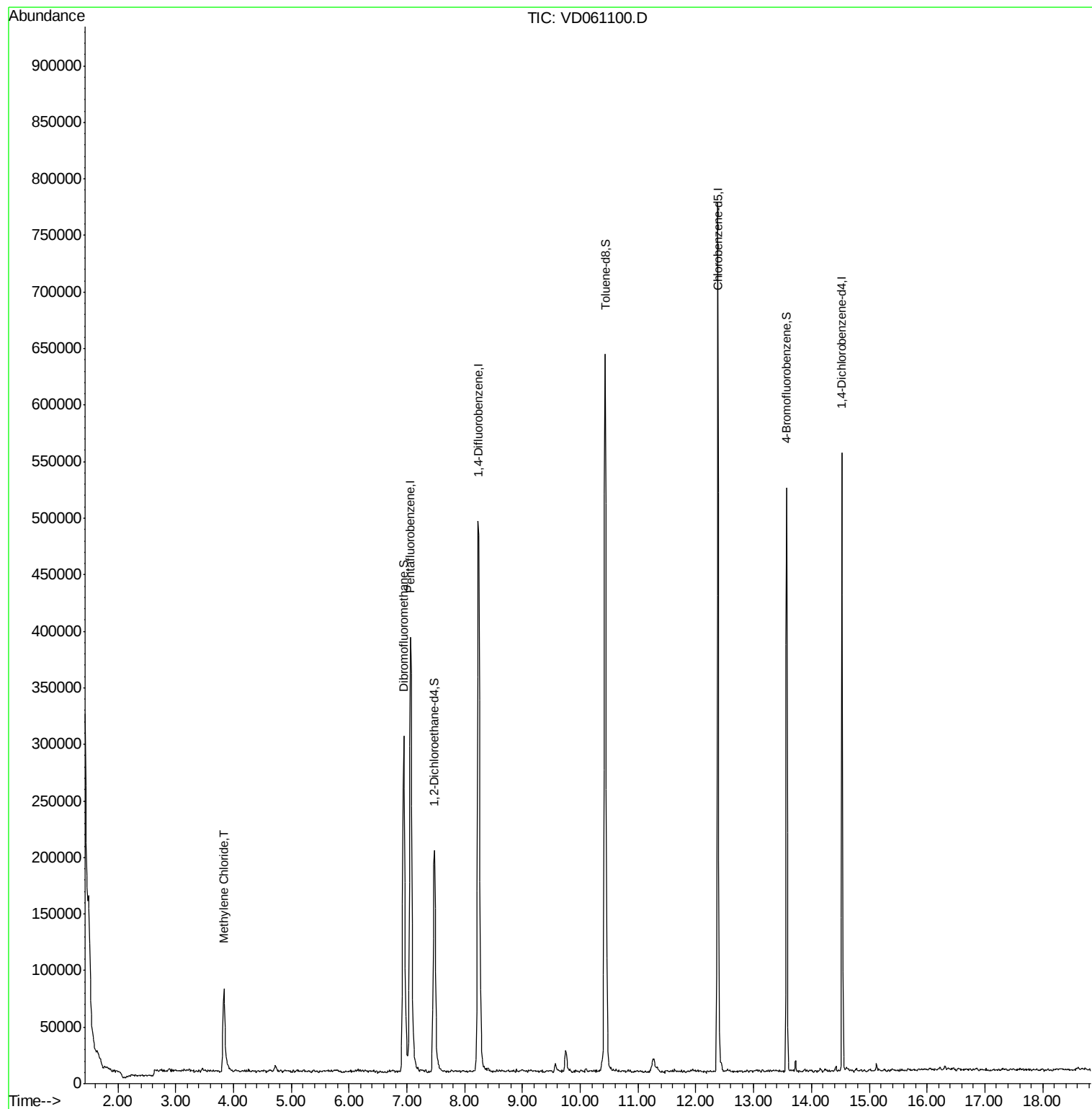
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	385745	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	637818	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	456335	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	128587	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	192944	60.09	ug/l	0.03
Spiked Amount 50.000			Recovery	=	120.18%	
35) Dibromofluoromethane	6.94	113	284421	60.09	ug/l	0.02
Spiked Amount 50.000			Recovery	=	120.18%	
50) Toluene-d8	10.43	98	561273	47.22	ug/l	0.03
Spiked Amount 50.000			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	13.57	95	165296	35.84	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.68%	
Target Compounds						
20) Methylene Chloride	3.83	84	53331	8.906	ug/l	Qvalue 98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061100.D

Acq: 15 Mar 2019 21:32

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MSVOA_D

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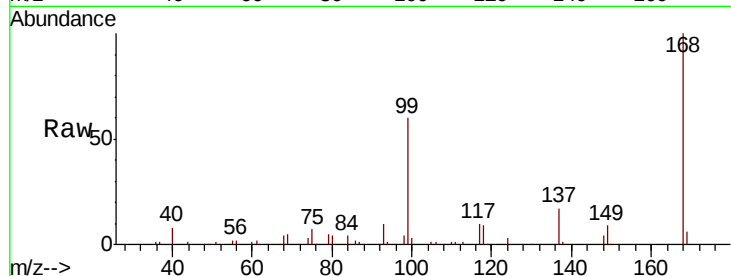
S-8

Tgt Ion:168 Resp: 385745

Ion Ratio Lower Upper

168 100

99 59.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

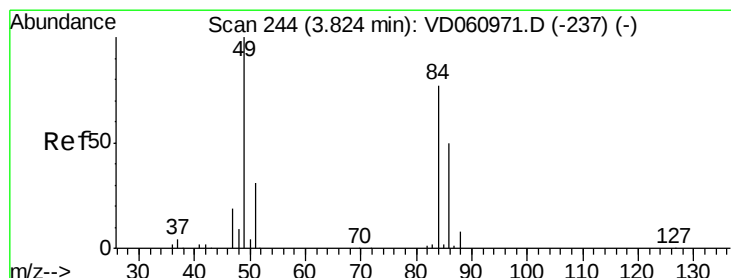
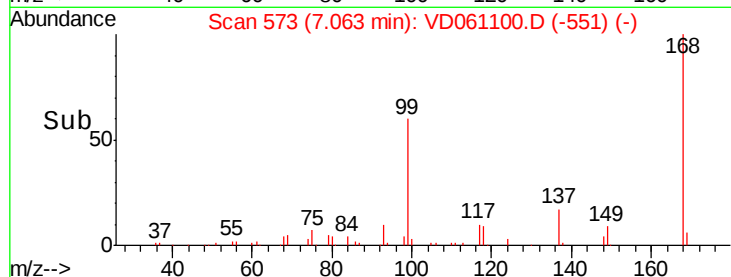
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 8.906 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.01 min

Lab File: VD061100.D

Acq: 15 Mar 2019 21:32

Tgt Ion: 84 Resp: 53331

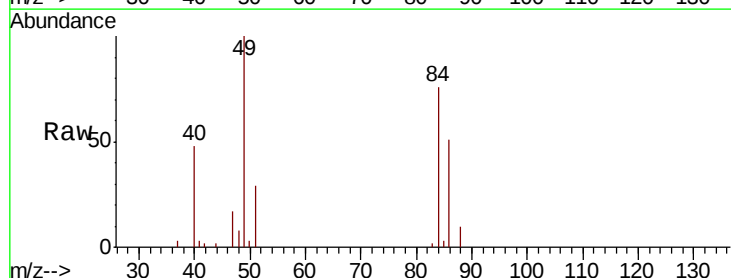
Ion Ratio Lower Upper

84 100

49 131.1 104.2 156.2

51 37.8 32.3 48.5

86 66.7 52.3 78.5



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

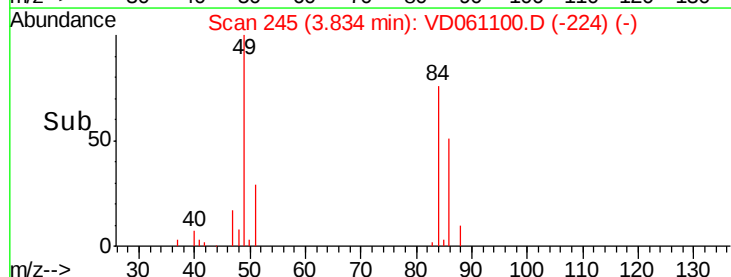
30000

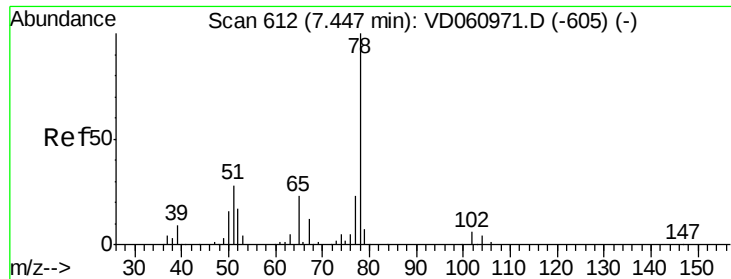
20000

10000

0

Time--> 3.70 3.80 3.90 4.00

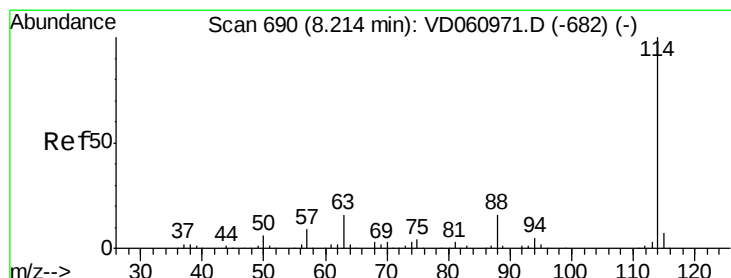
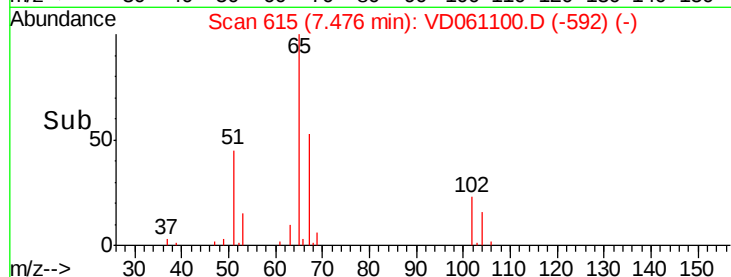
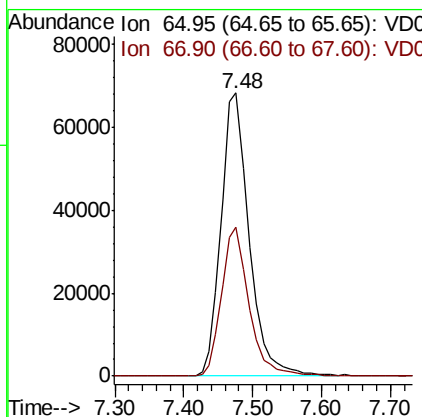
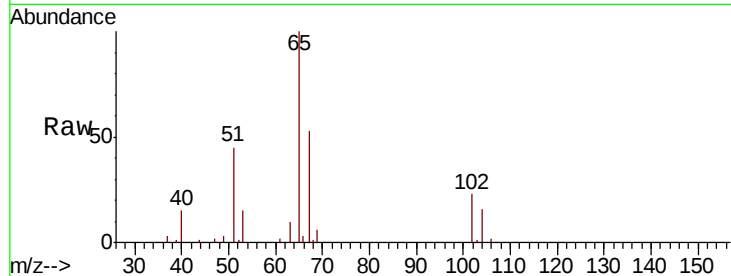




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.03 min
 Lab File: VD061100.D
 Acq: 15 Mar 2019 21:32

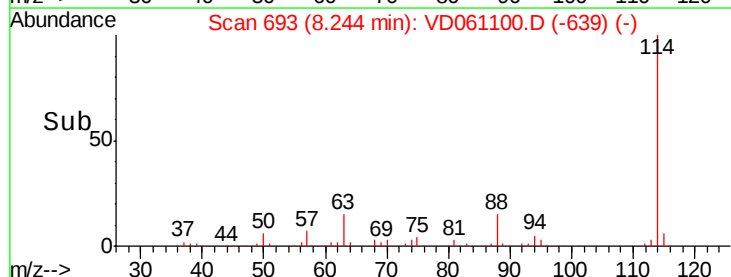
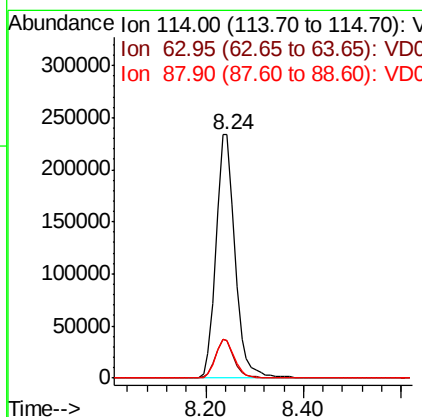
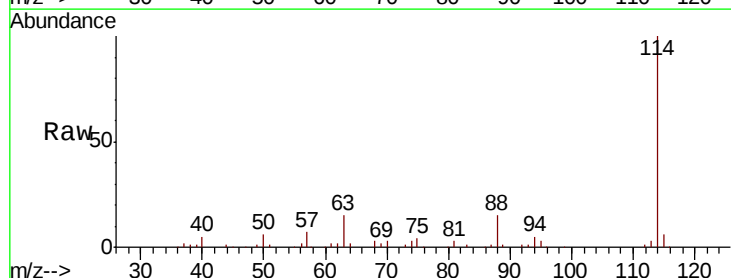
Instrument :
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 ClientSampleId :
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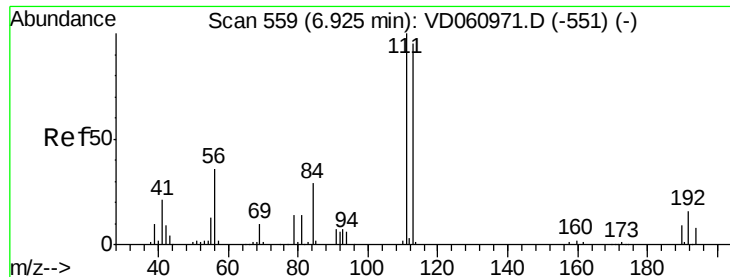
Tgt Ion: 65 Resp: 192944
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061100.D
 Acq: 15 Mar 2019 21:32

Tgt Ion: 114 Resp: 637818
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.4
 88 15.4 0.0 33.0

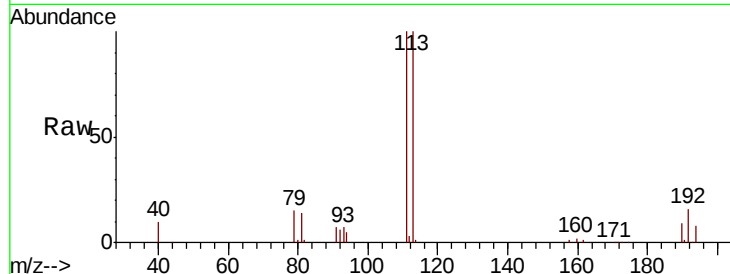




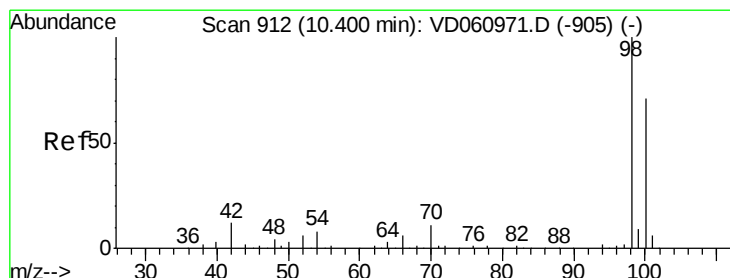
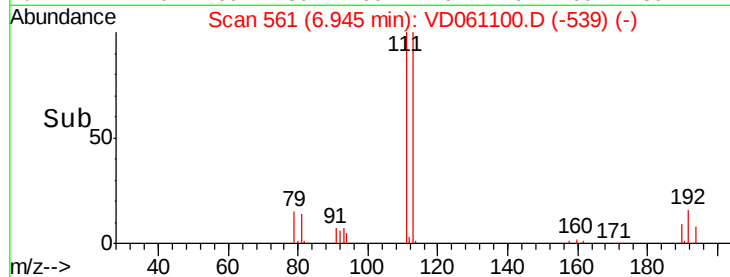
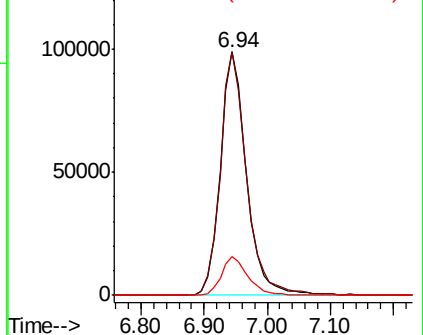
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061100.D
 Acq: 15 Mar 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion: 113 Resp: 284421
 Ion Ratio Lower Upper
 113 100
 111 100.0 84.2 126.4
 192 16.1 13.1 19.7

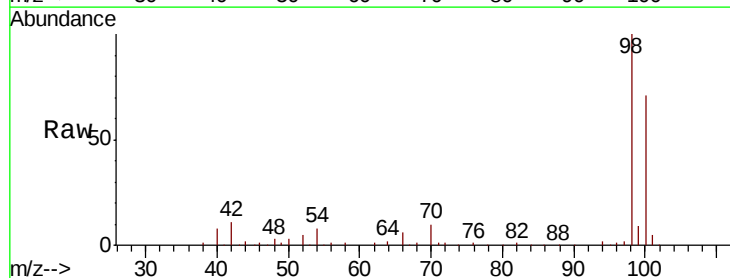


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

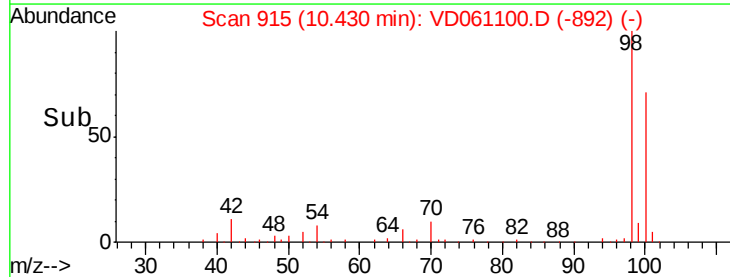
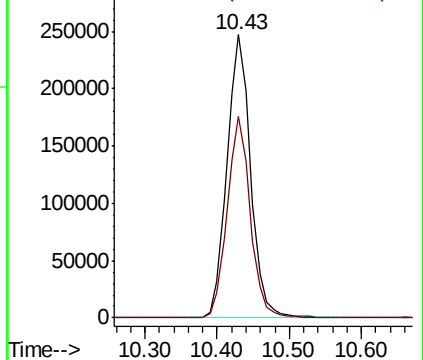


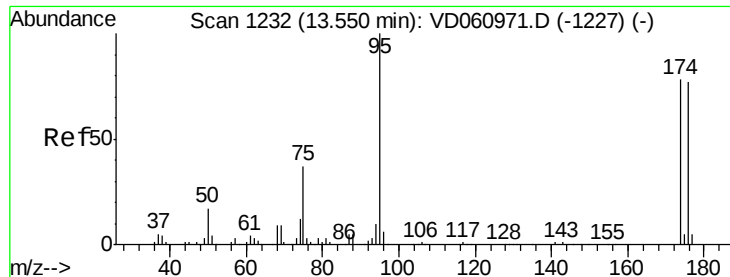
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.43 min Scan# 915
 Delta R.T. 0.03 min
 Lab File: VD061100.D
 Acq: 15 Mar 2019 21:32

Tgt Ion: 98 Resp: 561273
 Ion Ratio Lower Upper
 98 100
 100 71.0 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V
 Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061100.D

Acq: 15 Mar 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

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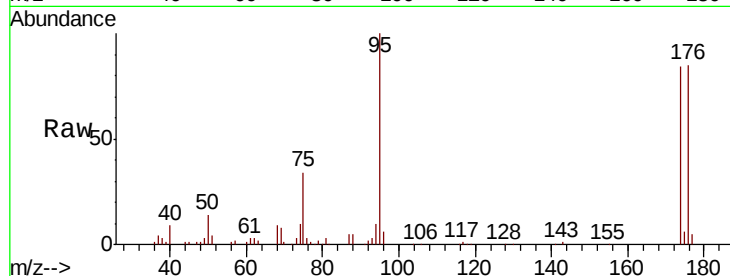
Tgt Ion: 95 Resp: 165296

Ion Ratio Lower Upper

95 100

174 84.0 0.0 155.6

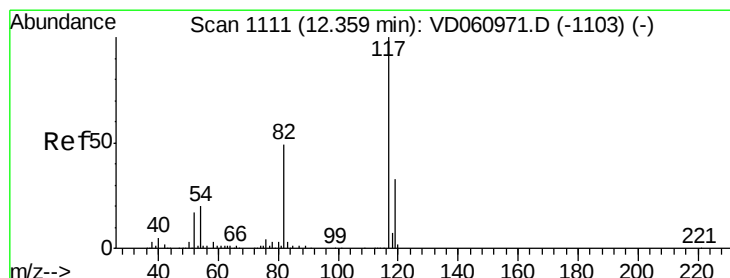
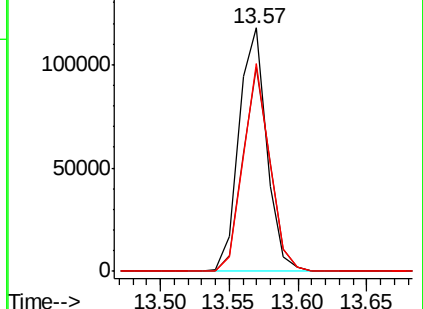
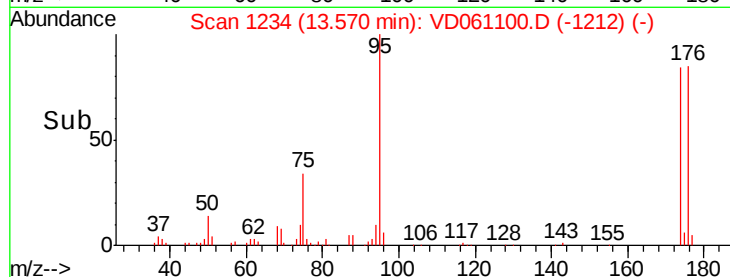
176 85.3 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD061100.D

Acq: 15 Mar 2019 21:32

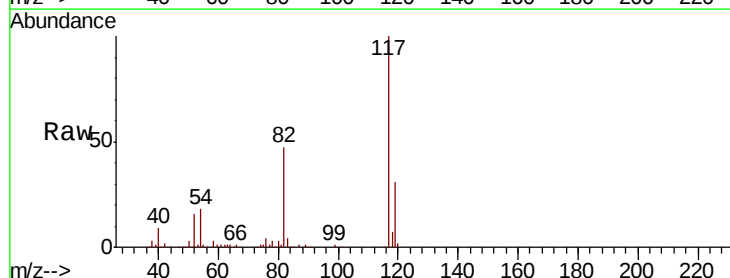
Tgt Ion: 117 Resp: 456335

Ion Ratio Lower Upper

117 100

82 46.7 38.9 58.3

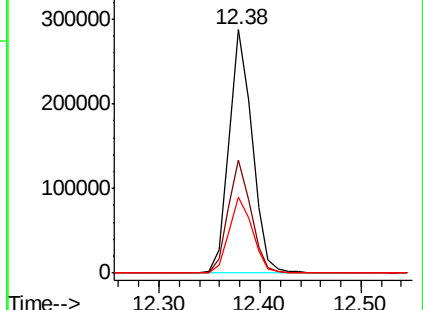
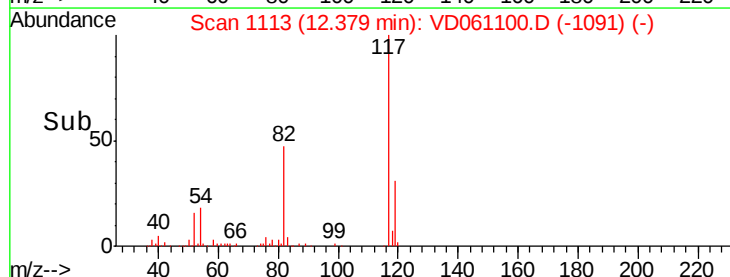
119 31.0 26.6 39.8

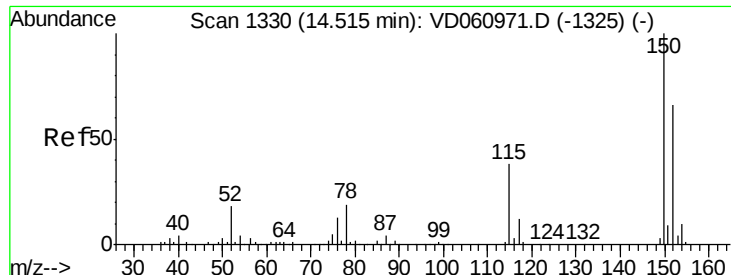


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061100.D
 Acq: 15 Mar 2019 21:32

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	28.6	85.9
150	158.6	0.0	310.6

